

Weekly Coal Production

DEC 13 1989

Energy
Information
Administration

Production for Week Ended:
December 2, 1989

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Preface

The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. This week's Coal Exports and Imports Supplement contains annual as well as detailed monthly data on U.S. coal and coke exports and imports. Another supplement contains detailed monthly data covering electric utility coal consumption, stocks, and receipts (quantity and price).

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as

specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

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Contents

	Page
Summary	1

Illustrations

	Page
1. Coal Production	1

Tables

	Page
1. Coal Production	2
2. Coal Production by State	2
3. Coal Production by State, November 1989	3
4. Coal Exports and Imports, 1980-1989	4
5. Coal Exports, September 1989	5
6. Average Price of Coal Exports, September 1989	6
7. Steam Coal Exports, September 1989	7
8. Average Price of Steam Coal Exports, September 1989	8
9. Metallurgical Coal Exports, September 1989	9
10. Average Price of Metallurgical Coal Exports, September 1989	10
11. Coal Exports by Custom District, September 1989	
12. Coke Exports, September 1989	
13. Coal Imports, September 1989	
14. Average Price of Coal Imports, September 1989	
15. Coal Imports by Customs District, September 1989	
16. Coke Imports, September 1989	

Summary

U.S. coal production in the week ended December 2, 1989, as estimated by the Energy Information Administration, totaled 20 million short tons. This was 24 percent more than production in the previous week, which included the Thanksgiving Day holiday, and 3 percent higher than in the comparable week in 1988. Production East of the Mississippi River totaled 12 million short tons, and production West of the Mississippi River totaled 8 million short tons.

Coal production in November totaled 85 million short tons, 3 percent less than the 88 million short tons produced in October 1989 and 3 percent higher than the 83 million short tons produced in November 1988. Through the first 11 months of 1989, coal production totaled 897 million short tons, 3 percent above the corresponding 1988 level of 870 million short tons.

U.S. coal exports in the first 9 months of 1989 totaled 74 million short tons and were valued at \$3 billion. Both the tonnage and value were about 8 percent

higher than in the comparable period of 1988. Metallurgical coal exports were up by 3 million short tons (7 percent) and steam coal exports by 2 million short tons (8 percent). The higher export levels of both coals were largely due to increased shipments to European countries.

U.S. coal imports in the first 9 months of 1989 amounted to 2 million short tons, about a third more than in the same period of 1988. They were valued at \$74 million, compared with \$47 million a year earlier, predominantly due to the increase in coal imports and the return of South American coal imports to 1987 price levels, following a decline in 1988. During 1988, the price of coal imports from South America dropped due to a loss of production because of hurricane damage and labor problems, and favorable price discounts provided to customers taking early delivery of contract coal. During the first 9 months of 1988, Colombia and Canada continued as the chief sources of imported coal, accounting for 85 percent of the total.

Figure 1. Coal Production

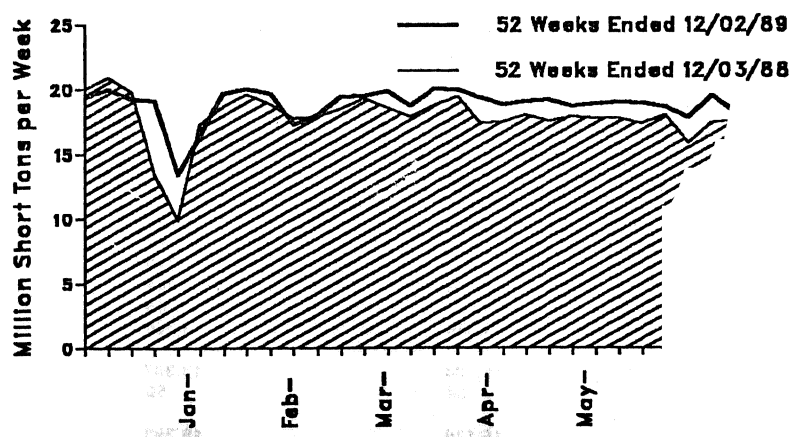


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	12/02/89	11/25/89	12/03/88	12/02/89	12/03/88	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	19,961	16,134	19,337	970,883	937,994	3.5
Pennsylvania Anthracite	78	54	56	3,545	3,571	-.7
U.S. Total	20,038	16,189	19,393	974,429	941,565	3.5
Railroad Cars Loaded	131,328	105,741	128,763	6,392,513	6,194,962	

¹ Includes subbituminous coal.

Notes: 1989 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	12/02/89	11/25/89	12/03/88
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,179	8,803	11,951
Alabama	518	369	560
Illinois	1,200	1,049	1,169
Indiana	679	502	622
Kentucky	3,264	2,251	3,409
Kentucky, Eastern	2,427	1,730	2,540
Kentucky, Western	836	521	869
Maryland	69	51	83
Ohio	698	486	660
Pennsylvania Bituminous	1,391	1,075	1,158
Tennessee	120	76	132
Virginia	994	636	945
West Virginia	3,247	2,308	3,213
West of the Mississippi	7,781	7,331	7,386
Alaska	42	34	41
Arizona	270	218	282
Arkansas	2	1	1
California	-	-	-
Colorado	379	379	330
Iowa	8	7	7
Kansas	17	14	9
Louisiana	82	45	71
Missouri	82	66	88
Montana	798	806	760
New Mexico	455	331	413
North Dakota	686	693	639
Oklahoma	37	30	40
Texas	1,073	868	940
Utah	441	426	304
Washington	96	77	95
Wyoming	3,313	3,338	3,366
Bituminous¹ and Lignite Total	19,961	16,134	19,337
Pennsylvania Anthracite	78	54	56
U.S. Total	20,038	16,189	19,393

¹ Includes subbituminous coal.

Notes: 1989 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 3. Coal Production by State, November 1989
(Thousand Short Tons)

Region and State	November 1989	October 1989	November 1988	Year to Date		
				1989	1988	Percent Change
Bituminous Coal ¹ and Lignite						
East of the Mississippi	51,275	54,129	50,010	546,328	528,267	3.4
Alabama	2,114	2,234	2,292	24,146	24,192	-2
Illinois	5,073	5,378	5,097	55,820	53,540	4.3
Indiana	2,781	2,810	2,697	28,973	28,874	.3
Kentucky	13,557	14,260	13,343	146,974	144,857	1.5
Kentucky, Eastern	10,108	10,493	9,905	109,098	107,842	1.2
Kentucky, Western	3,450	3,767	3,438	37,876	37,015	2.3
Maryland	292	302	299	3,119	2,935	6.3
Ohio	2,920	3,086	2,951	30,137	31,320	-3.8
Pennsylvania Bituminous	6,497	7,059	5,767	65,331	62,085	5.2
Tennessee	472	498	560	5,364	5,958	-10.0
Virginia	3,945	4,152	3,950	44,309	41,977	5.6
West Virginia	13,623	14,352	13,053	142,155	132,529	7.3
West of the Mississippi	33,768	33,528	32,964	347,625	338,119	2.8
Alaska	179	176	174	1,404	1,576	-10.9
Arizona	1,150	1,187	1,210	11,178	11,230	-.5
Arkansas	8	8	5	88	271	-67.6
California	-	74	-	74	54	38.3
Colorado	1,675	1,552	1,595	15,470	14,243	8.6
Iowa	35	36	31	402	311	29.1
Kansas	74	66	37	619	702	-11.9
Louisiana	309	304	243	2,715	2,686	1.1
Missouri	349	359	379	3,350	3,803	-11.9
Montana	3,512	3,409	3,441	34,735	35,516	-2.2
New Mexico	1,912	2,063	1,791	22,107	19,908	11.0
North Dakota	3,019	2,931	2,837	28,884	26,926	7.3
Oklahoma	144	145	179	1,659	1,963	-15.5
Texas	4,573	4,740	4,040	49,495	48,380	2.3
Utah	1,932	1,828	1,447	18,485	16,703	10.7
Washington	407	433	409	4,671	4,775	-2.2
Wyoming	14,490	14,216	15,145	152,289	149,072	2.2
Bituminous ¹ and Lignite Total	85,043	87,657	82,973	893,952	866,387	3.2
Pennsylvania Anthracite	339	373	310	3,290	3,295	-.1
U.S. Total	85,382	88,030	83,284	897,243	869,681	3.2

¹ Includes subbituminous coal.

Note: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 4. Coal Exports and Imports, 1980-1989
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam ¹		Total		Quantity	Average Price
	Quantity	Average Price ²	Quantity	Average Price ²	Quantity	Average Price ²		
1980	63,103	\$54.54	28,639	\$41.39	91,742	\$50.44	1,194	\$25.53
1981	65,234	57.40	47,307	45.92	112,541	52.57	1,043	28.47
1982	64,585	61.07	41,692	49.11	106,277	56.37	742	30.40
1983	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987								
January	4,118	46.54	1,353	41.42	5,471	45.27	134	42.40
February	3,189	46.13	1,454	41.61	4,643	44.71	85	30.57
March	4,875	45.53	1,587	41.03	6,462	44.43	111	29.59
April	4,434	45.82	1,795	40.41	6,229	44.26	229	30.76
May	4,644	45.29	1,912	41.28	6,557	44.12	135	31.12
June	4,323	43.82	3,005	38.12	7,328	41.48	118	34.14
July	3,815	43.36	2,796	39.50	6,611	41.73	120	31.80
August	4,848	44.26	2,909	39.49	7,758	42.47	191	31.41
September	3,951	43.66	2,714	38.97	6,665	41.75	164	32.64
October	4,290	43.36	2,343	39.61	6,633	42.03	86	30.27
November	4,290	43.51	2,920	38.29	7,210	41.39	263	31.03
December	4,902	42.92	3,140	39.02	8,042	41.40	109	28.80
Total	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988								
January	3,449	43.00	984	37.58	4,434	41.80	159	28.57
February	3,458	42.81	1,024	41.16	4,482	42.43	162	27.41
March	5,119	42.95	2,026	39.44	7,145	41.96	221	30.34
April	5,901	43.67	3,042	40.04	8,943	42.44	107	27.24
May	4,953	44.98	2,952	39.35	7,905	42.88	224	43.49
June	4,980	44.82	3,073	38.92	8,053	42.57	257	27.96
July	5,445	44.73	2,858	37.22	8,303	42.15	203	25.34
August	5,389	44.94	3,933	37.42	9,322	41.77	205	27.13
September	6,518	44.34	3,547	36.74	10,066	41.66	29	34.35
October	5,621	44.06	3,389	39.08	9,010	42.19	229	25.55
November	5,563	44.70	2,775	38.47	8,338	42.63	207	31.80
December	5,555	44.17	3,469	39.39	9,023	42.33	131	32.63
Total	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
1989 Year to Date	48,471	45.04	25,395	37.54	73,865	42.46	2,143	34.37
1988 Year to Date	45,212	44.12	23,440	38.42	68,652	42.17	1,567	30.13

¹ Includes bituminous, subbituminous, lignite, and anthracite.

² Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. U.S. Coal imports include Puerto Rico.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 5. Coal Exports, September 1989
(Short Tons)

Continent and Country of Destination	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	1,507,041	1,790,255	2,336,465	11,873,824	12,940,671	-8.2
Canada	1,486,457	1,784,420	2,301,178	11,734,069	12,565,036	-6.6
Dominican Republic	-	-	19,786	38,693	58,978	-34.4
Mexico	3,456	4,503	8,760	55,445	264,019	-79.0
Other ¹	17,128	1,332	6,741	45,617	52,638	-13.3
South America Total	521,360	718,825	439,058	5,464,990	4,125,269	32.5
Argentina	93,895	11,053	18	574,764	364,790	57.6
Brazil	323,010	589,959	403,648	4,220,513	3,676,021	14.8
Chile	102,229	116,311	28,837	657,678	56,212	(²)
Other ¹	2,226	1,502	6,555	12,035	28,246	-57.4
Europe Total	5,469,096	3,587,503	5,080,630	37,584,796	32,985,776	13.9
Albania	22,101	-	27,948	95,007	131,126	-27.5
Belgium & Luxembourg	496,531	247,862	421,389	4,992,685	4,840,160	3.2
Denmark	384,763	333,726	803,070	2,345,534	2,208,416	6.2
Finland	50,961	-	-	102,216	68,131	50.0
France	639,586	494,997	488,339	4,757,178	3,143,195	51.3
Ireland	76,680	68,015	86,216	775,796	1,123,042	-30.9
Italy	809,238	965,553	1,169,118	8,608,400	8,526,106	1.0
Netherlands	531,345	530,530	571,889	4,438,049	3,604,902	23.1
Norway	5,290	11,620	87,190	103,221	221,814	-53.5
Portugal	193,418	80,892	83,187	956,888	678,527	41.0
Romania	272,960	128,167	135,990	845,803	860,424	-1.7
Spain	277,178	330,172	298,891	2,491,540	1,737,128	43.4
Sweden	256,661	37,387	-	500,573	318,840	57.0
Turkey	283,161	56,408	269,889	1,180,005	1,512,323	-22.0
United Kingdom	607,302	276,101	319,548	3,438,235	2,492,389	37.9
West Germany	262,905	-	110,718	664,349	575,658	15.4
Yugoslavia	231,832	16,208	200,119	1,098,067	909,974	20.7
Other ¹	67,184	9,865	7,129	191,250	33,621	468.8
Asia Total	1,992,997	1,907,634	2,095,791	17,222,196	17,785,751	-3.2
China (Taiwan)	505,545	488,860	433,690	3,088,235	3,647,785	-15.3
Israel	71,216	-	-	487,298	243,427	100.2
Japan	1,077,326	1,095,073	1,352,631	10,634,572	10,994,057	-3.3
Korea, Republic of	338,807	322,158	308,976	2,944,732	2,838,980	3.7
Pakistan	-	-	-	60,451	57,969	4.3
Other ¹	103	1,543	494	6,908	3,533	95.5
Oceania & Australia Total	-	-	309	-	1,462	-
Africa Total	170,483	117,383	113,338	1,719,641	813,047	111.5
Algeria	-	-	62,922	560,791	518,239	8.2
Egypt	51,494	49,503	50,416	483,011	294,739	63.9
Other ¹	118,989	67,880	-	675,839	69	(²)
Total	9,660,977	8,121,600	10,065,591	73,865,447	68,651,976	7.6

¹ Includes countries with exports less than or equal to 50,000 short tons in 1988.

² Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 6. Average Price of Coal Exports, September 1989
(Dollars per Short Ton)

Continent and Country of Destination	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$43.10	\$41.32	\$41.48	\$42.20	\$41.94	0.6
Canada	43.25	41.33	41.58	42.26	42.01	.6
Dominican Republic	-	-	35.05	36.38	37.47	-2.9
Mexico	41.44	38.59	40.02	41.60	41.34	.6
Other ¹	30.68	36.24	30.34	31.06	30.24	2.7
South America Total	42.28	43.71	45.28	43.87	44.18	-.7
Argentina	44.47	44.74	-	44.58	43.68	2.1
Brazil	45.80	46.36	45.28	45.48	44.23	2.8
Chile	29.14	30.17	-	30.42	34.98	-13.0
Other ¹	34.64	-	34.92	39.61	35.31	12.2
Europe Total	40.89	39.92	42.12	41.60	42.19	-1.4
Albania	44.91	-	43.41	43.68	39.19	11.5
Belgium & Luxembourg	44.09	-	42.48	43.27	42.32	2.2
Denmark	31.17	32.25	31.20	32.80	32.87	-.2
Finland	42.41	-	-	42.41	41.73	1.6
France	41.81	42.35	44.93	41.36	44.09	-6.2
Ireland	44.99	33.61	39.42	38.62	40.02	-3.5
Italy	44.46	39.94	42.41	43.09	42.47	1.4
Netherlands	37.02	39.91	42.32	40.25	40.55	-.7
Norway	-	-	41.86	39.97	41.64	-4.0
Portugal	41.08	39.11	41.08	39.99	39.06	2.4
Romania	-	40.43	39.16	42.58	41.98	1.4
Spain	31.75	-	45.38	44.25	44.72	-1.0
Sweden	38.69	46.63	-	42.17	45.09	-6.5
Turkey	43.98	42.60	42.18	43.30	43.07	.5
United Kingdom	33.17	43.14	46.01	43.90	44.35	-1.0
West Germany	37.99	-	45.98	39.03	44.60	-12.5
Yugoslavia	45.11	-	42.79	43.56	42.38	2.8
Other ¹	36.29	39.97	-	37.38	-	-
Asia Total	41.23	42.89	42.01	41.99	41.64	.8
China (Taiwan)	39.48	37.77	42.28	37.03	40.32	-8.1
Israel	39.92	-	-	39.17	36.91	6.1
Japan	41.05	44.24	42.68	42.80	42.12	1.6
Korea, Republic of	44.68	46.15	38.72	44.74	41.88	6.9
Other ¹	39.84	34.99	35.00	37.15	37.48	-.9
Oceania & Australia Total	-	-	39.18	-	38.35	-
Africa Total	34.77	36.21	44.13	39.25	43.28	-9.3
Algeria	-	-	-	44.82	42.65	5.1
Egypt	45.95	44.81	44.13	45.63	44.13	3.4
Other ¹	29.94	29.94	-	31.07	40.17	-22.7
Total	41.32	41.46	42.09	41.92	42.13	-.5
U.S. Total²	42.45	42.63	41.66	42.46	42.17	.7

¹ Includes countries with exports less than or equal to 50,000 short tons in 1988.

² Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. U.S. Coal imports include Puerto Rico. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 7. Steam Coal Exports, September 1989
(Short Tons)

Continent and Country of Destination	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	778,217	988,618	1,358,595	7,057,628	7,505,249	-6.0
Canada	757,633	982,783	1,343,094	6,936,749	7,386,491	-6.1
Dominican Republic	-	-	-	19,842	-	-
Mexico	3,456	4,503	8,760	55,445	66,145	-16.2
Other ¹	17,128	1,332	6,741	45,592	52,613	-13.3
South America Total	104,455	117,813	6,573	675,777	130,505	417.8
Argentina	-	-	18	337	36	(²)
Brazil	-	-	-	5,727	101,940	-94.4
Chile	102,229	116,311	-	657,678	283	(²)
Other ¹	2,226	1,502	6,555	12,035	28,246	-57.4
Europe Total	1,971,319	1,329,994	1,583,928	11,962,640	10,054,574	19.0
Belgium & Luxembourg	69,607	-	64,456	631,520	710,472	-11.1
Denmark	384,763	205,390	803,070	2,217,198	2,208,416	.4
Finland	-	-	-	93	-	-
France	150,438	203,492	-	1,265,047	23,683	(²)
Ireland	76,680	68,015	86,216	606,572	1,096,362	-44.7
Italy	289,251	359,544	410,400	3,309,076	3,533,023	-6.3
Netherlands	383,155	320,129	101,390	2,143,593	1,576,877	35.9
Norway	-	6,446	68,976	32,275	118,729	-72.8
Portugal	126,576	80,892	42,007	685,815	554,115	23.8
Romania	-	-	-	3,293	-	-
Spain	18,162	-	185	126,168	19,735	(²)
Sweden	129,204	-	-	204,028	47,144	332.8
Turkey	-	-	99	203	257	-21.0
United Kingdom	146,147	60,013	-	300,673	28,563	(²)
West Germany	150,152	-	-	226,218	55,620	306.7
Yugoslavia	-	16,208	-	32,670	47,957	-31.9
Other ¹	67,184	9,865	7,129	178,198	33,621	430.0
Asia Total	933,784	692,634	598,078	5,022,851	5,748,539	-12.6
China (Taiwan)	431,547	364,123	321,614	2,567,285	3,024,144	-15.1
Israel	71,216	-	-	338,481	243,427	39.0
Japan	355,701	326,968	86,885	1,654,717	1,666,472	-.7
Korea, Republic of	75,217	-	189,085	455,460	811,019	-43.8
Other ¹	103	1,543	494	6,908	3,477	98.7
Oceania & Australia Total	-	-	309	-	1,462	-
Africa Total	118,989	67,880	-	675,839	69	(²)
Other ¹	118,989	67,880	-	675,839	69	(²)
Total	3,906,764	3,196,939	3,547,483	25,394,735	23,440,398	8.3

¹ Includes countries with exports less than or equal to 50,000 short tons in 1988.

² Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Average Price of Steam Coal Exports, September 1989
(Dollars per Short Ton)

Continent and Country of Destination	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$39.08	\$37.95	\$38.10	\$39.47	\$38.85	1.6
Canada	39.28	37.95	38.14	39.52	38.90	1.6
Dominican Republic	-	-	-	36.38	-	-
Mexico	41.44	38.59	40.02	41.60	38.58	7.8
Other ¹	30.68	36.24	30.34	31.06	30.24	2.7
South America Total	29.14	30.17	34.92	30.46	43.11	-29.3
Argentina	-	-	-	34.99	-	-
Brazil	-	-	-	-	43.35	-
Chile	29.14	30.17	-	30.42	34.98	-13.0
Other ¹	34.64	-	34.92	39.61	35.31	12.2
Europe Total	36.26	36.39	36.15	36.65	38.11	-3.8
Belgium & Luxembourg	32.30	-	28.35	33.01	34.06	-3.1
Denmark	31.17	29.67	31.20	32.66	32.87	-6
Finland	-	-	-	39.68	-	-
France	34.68	36.17	-	34.55	34.88	-1.0
Ireland	44.99	33.61	39.42	39.32	40.02	-1.8
Italy	39.91	39.64	40.06	39.96	39.90	.1
Netherlands	37.02	36.72	35.11	36.42	38.32	-4.9
Norway	-	-	41.86	39.97	41.56	-3.8
Portugal	41.08	39.11	40.66	39.36	38.18	3.1
Romania	-	-	-	38.78	-	-
Spain	31.75	-	39.92	32.48	39.94	-18.7
Sweden	38.69	-	-	37.06	39.08	-5.2
Turkey	-	-	39.88	39.90	37.90	5.3
United Kingdom	33.17	29.94	-	34.77	36.74	-5.4
West Germany	37.99	-	-	35.67	35.03	1.8
Yugoslavia	-	-	-	35.00	39.59	-11.6
Other ¹	36.29	39.97	-	37.38	-	-
Asia Total	37.46	39.06	37.76	36.71	37.99	-3.4
China (Taiwan)	38.52	34.70	41.23	35.37	39.55	-10.6
Israel	39.92	-	-	38.84	36.91	5.2
Japan	35.64	44.16	31.90	38.10	36.19	5.3
Korea, Republic of	37.67	-	34.56	37.67	36.27	3.8
Other ¹	39.84	34.99	35.00	37.15	37.48	-9
Oceania & Australia Total	-	-	39.18	-	38.35	-
Africa Total	29.94	29.94	-	31.07	40.17	-22.7
Other ¹	29.94	29.94	-	31.07	40.17	-22.7
Total	36.67	37.10	37.29	37.13	38.34	-3.1
U.S. Total²	37.31	37.30	36.74	37.54	38.42	-2.3

¹ Includes countries with exports less than or equal to 50,000 short tons in 1988.

² Average price of all steam coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Metallurgical Coal Exports, September 1989
(Short Tons)

Continent and Country of Destination	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	728,824	801,637	977,870	4,816,196	5,435,422	-11.4
Canada	728,824	801,637	958,084	4,797,320	5,178,545	-7.4
Dominican Republic	-	-	19,786	18,851	58,978	-68.0
Mexico	-	-	-	-	197,874	-
Other ¹	-	-	-	25	25	.0
South America Total	416,905	601,012	432,485	4,789,213	3,994,764	19.9
Argentina	93,895	11,053	-	574,427	364,754	57.5
Brazil	323,010	589,959	403,648	4,214,786	3,574,081	17.9
Chile	-	-	28,837	-	55,929	-
Europe Total	3,497,777	2,257,509	3,496,702	25,622,156	22,931,202	11.7
Albania	22,101	-	27,948	95,007	131,126	-27.5
Belgium & Luxembourg	426,924	247,862	356,933	4,361,165	4,129,688	5.6
Denmark	-	128,336	-	128,336	-	-
Finland	50,961	-	-	102,123	68,131	49.9
France	489,148	291,505	488,339	3,492,131	3,119,512	11.9
Ireland	-	-	-	169,224	26,680	(²)
Italy	539,987	606,009	758,718	5,299,324	4,993,083	6.1
Netherlands	148,190	210,401	470,499	2,294,456	2,028,025	13.1
Norway	5,290	5,174	18,214	70,946	103,085	-31.2
Portugal	66,842	-	41,180	271,073	124,412	117.9
Romania	272,960	128,167	135,990	842,510	860,424	-2.1
Spain	259,016	330,172	298,706	2,365,372	1,717,393	37.7
Sweden	127,457	37,387	-	296,545	271,696	9.1
Turkey	283,161	56,408	269,790	1,179,802	1,512,066	-22.0
United Kingdom	461,155	216,088	319,548	3,137,562	2,463,826	27.3
West Germany	112,753	-	110,718	438,131	520,038	-15.8
Yugoslavia	231,832	-	200,119	1,065,397	862,017	23.6
Other ¹	-	-	-	13,052	-	-
Asia Total	1,059,213	1,215,000	1,497,713	12,199,345	12,037,212	1.3
China (Taiwan)	73,998	124,737	112,076	520,950	623,641	-16.5
Israel	-	-	-	148,817	-	-
Japan	721,625	768,105	1,265,746	8,979,855	9,327,585	-3.7
Korea, Republic of	263,590	322,158	119,891	2,489,272	2,027,961	22.7
Pakistan	-	-	-	60,451	57,969	4.3
Other ¹	-	-	-	-	56	-
Africa Total	51,494	49,503	113,338	1,043,802	812,978	28.4
Algeria	-	-	62,922	560,791	518,239	8.2
Egypt	51,494	49,503	50,416	483,011	294,739	63.9
Total	5,754,213	4,924,661	6,518,108	48,470,712	45,211,578	7.2

¹ Includes countries with exports less than or equal to 50,000 short tons in 1988.

² Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Average Price of Metallurgical Coal Exports, September 1989
(Dollars per Short Ton)

Continent and Country of Destination	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$46.84	\$45.48	\$45.91	\$46.01	\$45.97	0.1
Canada	46.84	45.48	46.14	46.05	46.22	-.4
Dominican Republic	-	-	35.05	36.38	37.47	-2.9
Mexico	-	-	-	-	41.83	-
South America Total	45.50	46.33	45.28	45.38	44.19	2.7
Argentina	44.47	44.74	-	44.59	43.68	2.1
Brazil	45.80	46.36	45.28	45.48	44.25	2.8
Europe Total	45.24	44.19	44.08	44.40	43.76	1.5
Albania	44.91	-	43.41	43.68	39.19	11.5
Belgium & Luxembourg	46.01	-	45.03	44.66	43.61	2.4
Denmark	-	34.97	-	34.97	-	-
Finland	42.41	-	-	42.41	41.73	1.6
France	44.01	46.67	44.93	43.87	44.16	-.7
Ireland	-	-	-	36.20	39.88	-9.2
Italy	46.73	43.72	43.67	45.56	44.29	2.9
Netherlands	-	44.77	43.87	44.08	42.23	4.4
Norway	-	-	-	-	41.91	-
Portugal	-	-	41.50	42.14	42.99	-2.0
Romania	-	40.43	39.16	42.61	41.98	1.5
Spain	-	-	45.38	45.20	44.72	1.1
Sweden	-	46.63	-	46.76	46.13	1.4
Turkey	43.98	42.60	42.18	43.30	43.07	.5
United Kingdom	-	46.81	46.01	45.30	44.44	1.9
West Germany	-	-	45.98	43.11	44.61	-3.4
Yugoslavia	45.11	-	42.79	43.56	42.39	2.8
Asia Total	44.55	45.02	43.71	44.16	43.41	1.7
China (Taiwan)	45.08	46.75	45.27	45.25	43.99	2.9
Israel	-	-	-	39.92	-	-
Japan	43.72	44.27	43.42	43.66	43.19	1.1
Korea, Republic of	46.68	46.15	45.29	46.01	44.31	3.8
Africa Total	45.95	44.81	44.13	45.24	43.28	4.5
Algeria	-	-	-	44.82	42.65	5.1
Egypt	45.95	44.81	44.13	45.63	44.13	3.4
Total	45.37	45.10	44.34	44.64	43.97	1.5
U.S. Total	45.94	46.09	44.34	45.04	44.12	2.1

¹ Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coal Exports by Custom District, September 1989
(Short Tons)

Customs District	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
Eastern Total	5,712,083	4,540,442	5,952,871	45,019,639	40,062,769	12.4
Baltimore, MD	988,336	544,316	691,283	6,869,077	5,499,830	24.9
Portland, ME	-	-	-	159	-	-
Buffalo, NY	909	1,208	4,090	31,608	44,968	-29.7
New York City, NY	103	-	32,184	1,574	66,627	-97.6
Ogdensburg, NY	498	1,116	999	7,839	4,749	65.1
Philadelphia, PA	310,838	200,921	490,471	1,732,615	1,819,008	-4.7
Norfolk, VA	4,411,399	3,792,881	4,733,844	36,376,767	32,627,230	11.5
St. Albans, VT	-	-	-	-	357	-
Southern Total	2,098,608	1,340,253	1,573,907	14,981,680	14,603,391	2.6
Mobile, AL	864,738	535,894	662,593	6,467,663	6,655,201	-2.8
Savannah, GA	-	-	-	725	84	(¹)
Miami, FL	-	340	-	1,957	35	(¹)
New Orleans, LA	1,164,992	753,925	817,401	7,951,434	7,143,403	11.3
Wilmington, NC	-	-	69,672	70,417	193,976	-63.7
Charleston, SC	64,927	45,591	18,214	417,291	500,250	-16.6
El Paso, TX	-	-	-	-	61	-
Houston-Galveston, TX	1,301	-	99	32,553	76,156	-57.3
Laredo, TX	2,650	4,503	5,928	39,640	34,225	15.8
Western Total	337,486	385,598	152,810	2,230,065	1,415,956	57.5
Anchorage, AK	75,217	-	83,309	443,130	594,114	-25.4
Los Angeles, CA	248,253	367,932	501	1,620,661	637,003	154.4
San Diego, CA	806	-	172	4,344	1,348	222.3
San Francisco, CA	-	14,595	280	33,333	755	(¹)
Great Falls, MT	-	-	-	98	1,003	-90.2
Portland, OR	-	-	-	576	110	423.6
Seattle, WA	13,210	3,071	68,548	127,923	181,623	-29.6
Northern Total	1,512,800	1,855,307	2,386,003	11,634,063	12,569,860	-7.4
Chicago, IL	-	-	-	-	176	-
Detroit, MI	4,612	5,293	7,183	31,190	30,970	.7
Duluth, MN	31,836	-	52,606	92,907	52,669	76.4
Pembina, ND	195	-	1,192	14,735	4,386	236.0
Cleveland, OH	1,476,157	1,850,014	2,325,022	11,495,231	12,481,659	-7.9
Total	9,660,977	8,121,600	10,065,591	73,865,447	68,651,976	7.6

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coke Exports, September 1989
(Short Tons)

Continent and Country of Destination	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	55,325	43,977	26,557	421,181	278,847	51.0
Canada	49,702	29,710	16,809	304,474	212,435	43.3
Mexico	5,577	14,217	9,391	115,868	65,731	76.3
Other ¹	46	50	357	839	681	23.2
South America Total	-	2,493	-	76,013	120,954	-37.2
Brazil	-	-	-	22,312	52,083	-57.2
Venezuela	-	2,493	-	53,701	68,871	-22.0
Europe Total	-	22,373	48,786	72,390	154,327	-53.1
Turkey	-	-	-	-	20,572	-
Other ¹	-	22,373	48,786	72,390	133,755	-45.9
Asia Total	-	-	16,822	95,968	170,887	-43.8
Japan	-	-	16,822	71,756	46,652	53.8
Philippines	-	-	-	-	124,235	-
Other ¹	-	-	-	24,212	-	-
Total	55,325	68,843	92,165	665,552	725,015	-8.2

¹ Includes countries with exports less than or equal to 50,000 short tons in 1988.
Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 13. Coal Imports, September 1989
(Short Tons)

Continent and Country of Origin	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	87,019	122,390	5,004	830,942	490,992	69.2
Canada	80,588	115,337	2,379	783,517	456,961	71.5
Mexico	6,431	7,053	2,625	47,425	34,031	39.4
South America Total	215,315	113,387	23,700	1,253,068	998,733	25.5
Colombia	139,795	113,387	23,700	1,025,331	868,295	18.1
Venezuela	75,520	-	-	227,737	130,438	74.6
Europe Total	331	11,198	-	11,529	822	(¹)
Denmark	-	-	-	-	177	-
Netherlands	-	11,198	-	11,198	320	(¹)
Spain	-	-	-	-	124	-
United Kingdom	-	-	-	-	1	-
West Germany	331	-	-	331	200	65.5
Asia Total	-	-	-	47,745	42,190	13.2
China (Peking)	-	-	-	47,694	-	-
Hong Kong	-	-	-	-	1	-
Japan	-	-	-	-	42,189	-
Korea, Republic of	-	-	-	51	-	-
Oceania & Australia Total	-	-	-	-	34,277	-
Australia	-	-	-	-	34,277	-
Total	302,665	246,975	28,704	2,143,284	1,567,014	36.8

¹ Changes of 500 percent or more are not shown.
Note: Total may not equal sum of components because of independent rounding. U.S. coal imports include Puerto Rico.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Average Price of Coal Imports, September 1989
(Dollars per Short Ton)

Continent and Country of Origin	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	\$25.67	\$22.93	\$30.25	\$24.12	\$26.01	-7.3
Canada	25.05	22.01	-	23.65	25.68	-7.9
Mexico	33.31	33.61	30.25	30.15	29.56	2.0
South America Total	36.35	37.29	31.75	34.79	26.47	31.4
Colombia	37.51	37.29	31.75	35.11	26.63	31.9
Venezuela	34.19	-	-	33.32	25.52	30.6
Europe Total	-	-	-	-	36.28	-
Denmark	-	-	-	-	36.28	-
Oceania & Australia Total	-	-	-	-	27.47	-
Australia	-	-	-	-	27.47	-
Total	33.34	30.96	31.60	31.14	26.36	18.1
U.S. Total	33.64	33.85	34.35	34.37	30.13	14.1

¹ Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. U.S. coal imports include Puerto Rico. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$38 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 15. Coal Imports by Customs District, September 1989
(Short Tons)

Customs District	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
Eastern Total	47,275	135,825	17	399,614	162,555	145.8
Boston, MA	-	-	-	-	177	-
Baltimore, MD	331	108,940	-	258,605	200	(¹)
Portland, ME	-	-	17	-	51,536	-
Buffalo, NY	-	26,849	-	26,849	-	-
New York City, NY	-	-	-	-	445	-
Ogdensburg, NY	84	36	-	138	-	-
Philadelphia, PA	46,860	-	-	114,022	110,197	3.5
Southern Total	174,886	22,698	26,325	974,159	966,558	.8
Tampa, FL	139,795	-	-	648,594	503,020	28.9
New Orleans, LA	28,660	-	-	28,660	130,438	-78.0
San Juan, PR	-	-	23,700	233,854	297,267	-21.3
Houston-Galveston, TX	-	15,645	-	15,645	1,802	(¹)
Laredo, TX	6,431	7,053	2,625	47,406	34,031	38.6
Western Total	579	3,187	410	122	-	-
San Diego, CA	-	-	-	-	-	-
San Francisco, CA	-	-	-	-	-	-
Honolulu, HI	-	-	-	-	-	-
Great Falls, MT	579	3,187	-	-	-	-
Seattle, WA	-	-	-	-	-	-
Northern Total	79,925	85,265	-	356,873	239,958	48.7
Chicago, IL	58,989	56,601	-	431	-	-
Duluth, MN	-	-	-	272,627	104,038	162.0
Pembina, ND	20,936	28,664	1,952	16,614	-	-
Cleveland, OH	-	-	-	-	-	-
Total	302,665	246,975	28,704	2,143,284	1,567,014	36.8

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding. U.S. coal imports include Puerto Rico.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 16. Coke Imports, September 1989
(Short Tons)

Continent and Country of Origin	September 1989	August 1989	September 1988	Year to date		
				1989	1988	Percent Change
North America Total	3,354	3,370	58,354	199,265	261,882	-23.9
Canada	3,354	3,370	58,354	198,788	261,249	-23.9
Mexico	-	-	-	477	633	-24.6
South America Total	-	-	-	-	16,717	-
Argentina	-	-	-	-	16,717	-
Europe Total	35,013	85,485	35,589	783,785	379,580	106.5
Belgium & Luxembourg	-	-	35,589	98,283	72,101	36.3
France	-	-	-	36,872	38,358	-3.9
Italy	-	-	-	-	125,205	-
Netherlands	-	-	-	17,244	24,809	-30.5
Poland	15,712	15,514	-	103,473	-	-
Switzerland	-	-	-	-	24,234	-
United Kingdom	-	-	-	56,201	-	-
West Germany	19,301	69,971	-	423,865	11	(¹)
Yugoslavia	-	-	-	47,847	94,862	-49.6
Asia Total	79,769	81,452	79,733	715,238	796,653	-10.2
China (Peking)	-	-	-	67,054	-	-
Japan	79,769	81,452	79,733	648,184	796,653	-18.6
Oceania & Australia Total	-	-	41,017	463,851	526,715	-11.9
Australia	-	-	41,017	463,851	526,715	-11.9
Total	118,136	170,307	214,693	2,162,139	1,981,547	9.1

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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